

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (canceled)

15. **(currently amended)** A refrigerator, comprising a refrigerating chamber and a service device, said device comprising a thermostat including:

an electric temperature control circuit mounted in the refrigerator but outside the refrigerating chamber, said electric temperature control circuit including a setting element which is physically moveable relative to a remainder of said electric temperature control circuit, different relative positions between said setting element and the remainder of said electric temperature control circuit indicating different temperature settings for said thermostat; [[and]]

a manual regulator for mechanically adjusting a setting the relative position of said setting element and the remainder of said electric temperature control circuit, said manual regulator being mounted in the ~~refrigerator~~ refrigerating chamber at a location accessible to a user of the refrigerator and to be physically moveable relative to a wall of the refrigerating chamber; and

a flexible control cable mechanically connecting said manual regulator and said setting element of said electric temperature control circuit for mechanically transferring physical movements of said manual regulator into corresponding physical movements of said setting element, and hence, into corresponding temperature setting of said thermostat.

16-17. (canceled)

18. **(currently amended)** The refrigerator of claim ~~[[16]]~~ 15, wherein said flexible control cable is a Bowden cable.

19. (previously presented) The refrigerator of claim 18, further comprising
a light source mounted in the refrigerator but outside the refrigerating chamber; and
a light guide having an end coupled to receive light from said light source and another, opposite end extending through and being fixed to a wall of the refrigerating chamber, thereby delivering the light from said light source to an interior of the refrigerating chamber.

20. (previously presented) The refrigerator of claim 19, further comprising a switch connected to said light source and located to be activated by a door of the refrigerator to turn said light source on and off.

21. **(currently amended)** ~~The refrigerator of claim 19, further comprising a housing accommodating both said electric temperature control circuit of said thermostat and said light source, said housing being mounted in the refrigerator but outside the refrigerating chamber~~ 23, wherein said flexible control cable is a Bowden cable.

22. *(canceled)*

23. **(currently amended)** A refrigerator, comprising a refrigerating chamber and a service device, said device comprising a thermostat including:

an electric temperature control circuit mounted in the refrigerator but outside the refrigerating chamber;

a manual regulator for adjusting a setting of said electric temperature control circuit, said manual regulator being mounted in the refrigerator at a location accessible to a user of the refrigerator;

a flexible control cable connecting said manual regulator and said electric temperature control circuit;

~~The refrigerator of claim 16, further comprising~~

a light source mounted in the refrigerator but outside the refrigerating chamber;

a light guide having an end coupled to receive light from said light source and another, opposite end extending through and being fixed to a wall of the refrigerating chamber, thereby delivering the light from said light source to an interior of the refrigerating chamber; and

a control box containing both said electric temperature control circuit of said thermostat and said light source, said control box being mounted in the refrigerator but outside the refrigerating chamber.

24. (previously presented) The refrigerator of claim 23, wherein the flexible control cable and the light guide extend through a wall of said control box, and the manual regulator and the opposite end of said light guide are located outside said control box.

25-28. (canceled)

29. **(new)** The refrigerator as claimed in claim 15, wherein said flexible cable has a section bent at an angle of about 90°.

30. **(new)** The refrigerator of claim 15, wherein the control cable is electrically isolated from said setting element.

31. **(new)** The refrigerator of claim 15, wherein said setting element is a potentiometer mechanically coupled to and driven by said Bowden cable so as to be adjusted by said manual regulator.

32. **(new)** The refrigerator of claim 15, wherein said cable has a physically moveable portion that moves in response to a physical movement of the manual regulator and mechanically drives the setting element of said thermostat to move in a corresponding movement.

33. **(new)** A service device for a refrigerator having a refrigerating chamber and a thermostat, said device comprising

an electric control circuit of the thermostat, said electric control circuit being mountable in the refrigerator but outside the refrigerating chamber;

a flexible control cable; and

a manual regulating device which is mountable in the refrigerating chamber and is mechanically connected to said electric control circuit by said flexible control cable;

wherein said flexible cable has a flexibility sufficient to enable bending of said flexible cable at about 90°.

34. **(new)** The device of claim 33, wherein said flexible control cable is adapted to mechanically convert a physical movement of a moving part of said manual regulating device into a corresponding setting of said electric control circuit.

35. **(new)** A service device for a refrigerator having a refrigerating chamber, said device comprising:

an electric control circuit for controlling a parameter of an environment inside the refrigerating chamber, said control circuit being adapted to be mounted in the refrigerator but outside the refrigerating chamber;

a manual regulator for adjusting a setting of said electric control circuit, said manual regulator being adapted to be mounted in the refrigerator at a location accessible to a user of the refrigerator;

a flexible control cable connecting said manual regulator and said electric control circuit

and converting an internal state of said manual regulator into a corresponding setting of said electric control circuit;

a light source adapted to be mounted in the refrigerator but outside the refrigerating chamber;

a light guide coupled to receive light from said light source and delivering the light from said light source to an interior of the refrigerating chamber; and

a control box housing both said electric control circuit and said light source, said control box being adapted to be mounted in the refrigerator but outside the refrigerating chamber.

36. **(new)** The device of claim 35, wherein said flexible control cable is a Bowden cable.

37. **(new)** The device of claim 35, wherein said control circuit comprises a potentiometer coupled to and driven by said Bowden cable so as to be adjusted by said manual regulator.

38. **(new)** The device of claim 35, wherein said flexible cable has at least a section angled at about 90°.